Express Mail Label No. EV833 81US AP3 Rec'd PCT/PTO Z MAY 2003

PTO-1390 (Rev. 02-2005)

10

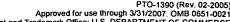
U.S. Patent and To depart Office; U.S. DEPARTMENT OF COMMERCE
aspond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to

ATTTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 460868.00020 DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371						
	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED			
	02/06077 INVENTION	04 June 2002 (04.06.02)	21 June 2002 (21.06.01)			
	TITLE OF INVENTION METHOD AND DEVICE FOR OBTAINING FATTY ACID ESTERS FROM NATIVE OILS AND FATS BY MEANS OF THE ENZYMATIC SEPARATION THEREOF					
	APPLICANT(S) FOR DO/EO/US BRUNNER, Karlheinz; FRISCHE, Rainer; RICKER, Rainer; KASKE, Corinna; KILIAN, Dirk					
Applicant	t herewith submits to the United Sta	ates Designated/Elected Office (DO/EC	D/US) the following items and other information:			
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.					
2. 🗸	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
з. 🗌	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4.	The US has been elected (Article 31).					
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a. is attached hereto (required only if not communicated by the International Bureau).					
	b. has been communicated by	the International Bureau.				
	c. is not required, as the applic	cation was filed in the United States Receivi	ing Office (RO/US).			
6. ☑	An English language translation of the	e International Application as filed (35 U.S.C	C. 371(c)(2)).			
	a. is attached hereto.					
	b. has been previously submit	tted under 35 U.S.C. 154(d)(4).				
7.	Amendments to the claims of the Inte	ernational Application under PCT Article 19 ((35 U.S.C. 371(c)(3))			
	a are attached hereto (requi	red only if not communicated by the Internal	tional Bureau).			
	b. have been communicated	by the International Bureau.	1			
	c. have not been made; how	ever, the time limit for making such amendn	nents has NOT expired.			
	d. Lad have not been made and v					
8. 🔲		ne amendments to the claims under PCT An	ticle 19 (35 U.S.C. 371(c)(3)).			
9. 🛂	An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).				
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary E	examination Report under PCT			
Items 11 to 20 below concern document(s) or information included:						
11.	An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.				
12.	An assignment document for recording	ng. A separate cover sheet in compliance wi	ith 37 CFR 3.28 and 3.31 is included.			
13.	A preliminary amendment.					
14.	An Application Data Sheet under 37	CFR 1.76.				
15.	A substitute specification.					
16.	A power of attorney and/or change of	f address letter.				
17.	A computer-readable form of the seq	uence listing in accordance with PCT Rule	13 <i>ter.</i> 2 and 37 CFR 1.821- 1.825.			
18.	A second copy of the published Inter-	national Application under 35 U.S.C. 154(d)	(4).			
19.		ge translation of the international application				
20. 🗸	Other items or information: Copy of	Formalities Notice; Response to Notific	cation of Miss. Reqs.; Postcard Receipt			

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2



PTO-1390 (Rev. 02-2005)
Approved for use through 3/31/2007. OMB 0851-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

. [U.S. APPLICAT	ION NO. (if known	wn, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER		
	10/531,658		PCT/EP02/06077		460868.00020		
Ì	The foll	The following fees have been submitted			CALCULATIONS	PTO USE ONLY	
ľ	21. Basic national fee				\$		
-	22. Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$		
	23. Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$	
	TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$		
				ccluding			
	Total Sheets	Extra Sheets		dditional 50 or fraction to a whole number)	RATE		
	- 100 =	/50 =			× \$250	\$	
	Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					\$ 130.00	
Ì	CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
	Total claims		- 20 =		× \$ 50	\$	
1	Independent clai	ms	- 3 =		x \$200	\$	
1	MULTIPLE DEP	ENDENT CLAIM(S) (if applicable)		+ \$360	\$	
			<u> </u>	TOTAL OF ABOVE	CALCULATIONS =	\$	
İ	Applicant cla	aims small entity st	atus. See 37 CFR 1	.27. Fees above are reduc	ed by 1/2.		
Ì	SUBTOTAL =				\$		
	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 130.00		
1	TOTAL NATIONAL FEE			NATIONAL FEE =	\$ 260.00		
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +					\$	
V2 \55 \5V	E MVAVDACU AAA	100173 1700FF	40534450	TOTAL F	EES ENCLOSED =	\$ 260.00	
		00173 170055	10531658			Amount to be	T \$
01 FC:161 02 FC:161	7 130.0 8 130.0	O DA O DA				refunded: Amount to be	\$
						charged:	
	a. □ A check in the amount of \$ to cover the above fees is enclosed. b. ☑ Please charge my Deposit Account No. 17-0055 in the amount of \$ 260.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. ☑ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit to Account No. 17-0055. A duplicate copy of this sheet is enclosed. d. □ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
							ont to Donosit t
))) must be filed
	SEND ALL COR	RESPONDENCE	TO:	:	SIGNATURE	1 Kol	Kr
		BRADY LLP			Daniel G. R	adler	
	411 E. Wisco				NAME NAME	.dui6i	
	Milwaukee, WI 53202 NAME (414) 277-5000 43,028 (414) 271-3552 (Fax) REGISTRATION NUMBER						
	L						

EXPRESS MAIL LABEL NO. EV833277181US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

USSN:

10/531,658

PCT Application: PCT/EP02/06077

International

I.A. Filing Date: 04 June 2002

Priority Date:

21 June 2001 BRUNNER, Karlheinz, et al.

Applicant: Docket No.:

460868.00020

UNITED STATES PATENT AND TRADEMARK OFFICE Mail Stop PCT P.O. BOX 1450

Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 under date of mailing of 28 March 2006, a copy of which is attached hereto and incorporated herein by reference, applicants hereby provide the following information and/or documentation:

- Declaration of the Inventors signed by Applicants Karlheinz BRUNNER, Rainer FRISCHE, Rainer RICKER, Corinna KASKE, and Dirk KILIAN. A copy of the Declaration in German and English is attached. Please note that the untranslated German language text has been removed from the original Declaration.
- Translation of the application into English. Please note that the title has been translated, and the German text, 2. Dr. Frische GmbH, has been removed, along with the footnotes appearing on pages 10 and 22.

The Commissioner is hereby authorized to charge Deposit Account 17-0055 in the amount of \$260.00 for the fee required for furnishing the oath or declaration and the translation of the application later than 30 months from the earliest claimed priority date pursuant to 37 CFR 1.492(3). The Commissioner is further authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 17-0055. espectfull ubmitte

17 May 2006

ву:

Pániel G. Rádler

QUARLES & BRADY LLP 411 East Wisconsin Avenue

Milwaukee, WI 53202 Reg. No.: 43,028

(414) 277-5749



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/531,658

Karlheinz Brunner

460868.00020 INTERNATIONAL APPLICATION NO.

PCT/EP02/06077

I.A. FILING DATE

PRIORITY DATE

06/04/2002

06/21/2001

26710 **QUARLES & BRADY LLP** 411 E. WISCONSIN AVENUE **SUITE 2040** MILWAUKEE, WI 53202-4497

CONFIRMATION NO. 1917 371 FORMALITIES LETTER

OC000000018387619

Date Mailed: 03/28/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/15/2005
- Copy of the International Search Report filed on 04/15/2005
- Preliminary Amendments filed on 04/15/2005
- Information Disclosure Statements filed on 04/15/2005
- U.S. Basic National Fees filed on 04/15/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

QUARLES & BRADY LLP Intellectual Property Dept.

RESPONSE PHE:

Total additional fees required for this application is \$260 for a Large Entity:

- \$130 Surcharge.
- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

F.	ANT 1-70 TOTAL	
U.S. APPLICATION NUMBER NO. 10/531,658	INTERNATIONAL APPLICATION NO. PCT/EP02/06077	ATTY. DOCKET NO. 460868.00020

FORM PCT/DO/EO/905 (371 Formalities Notice)



Certification of Translation Accuracy

I, Mary Shillue, hereby certify that the attached document, to the best of my knowledge and belief, is a true, accurate and complete translation from German into English of "A Process and Device For Obtaining Fatty Acid Esters From Native Oils And Fats By Their Enzymatic Hydrolysis," consisting of 27 pages, excluding drawings.

Signed: Name: Title:	Mary Shi Senior Proje	•
	on Agency:	RIC International, Inc. 432 Columbia Stréet, Cambridge, MA 02141
Date:	May	16, 2006, 2006

ON THIS_16TH_ DAY OF _MAY ___, 2006, BEFORE ME, ANN BERMAN, THE UNDERSIGNED NOTARY PUBLIC, PERSONALLY APPEARED ___MARY SHILLUE_, PROVED TO ME THROUGH SATISFACTORY EVIDENCE OF IDENTIFICATION WHICH WERE _MASSACHUSETTS STATE ID ___, TO BE THE PERSON WHOSE NAME IS SIGNED ABOVE, AND WHO SWORE OR AFFIRMED TO ME THAT THE CONTENTS OF THE DOCUMENT ARE TRUTHFUL AND ACCURATE TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF.

Ann Berman, Notary Public .
MY COMMISSION EXPIRES MAY 18, 2008.

